

Amdt. dated December 6, 2005  
Reply to Office action of November 1, 2005

Serial No. 09/658,078  
Docket No. ROC920000078US1  
Firm No. 0021.0010

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims**

1. (Currently amended) A computer implemented method for checking text in an electronic document, comprising:

- scanning and parsing words in the text;
- for each set of one or more scanned and parsed words, determining whether one or more words form a scanned contact phrase providing information to identify or address a person or entity, wherein said scanned contact phrases comprise one of a name, phone number, street address, e-mail address, and URL; and
- upon determining that one or more words form a scanned contact phrase, performing:
  - (i) accessing contact information stored in a computer readable address book including contact phrases; and
  - (ii) searching the contact information to determine if the scanned contact phrase matches contact phrases in the searched contact information;
  - determining one or more contact phrases in the contact information that are similar to the scanned contact phrase if the scanned contact phrase does not match one contact phrase in the contact information; and
  - displaying the determined similar contact phrases, wherein the user is capable of selecting one displayed similar contact phrase to substitute for the scanned contact phrase; and
- upon determining that one or more words do not form a scanned contact phrase, performing:
  - spell checking words determined not to form a scanned contact phrase; and
  - performing said scanned contact phrase determining with respect to other words of said text.

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2. (Canceled) The method of claim 1, wherein contact phrases comprise one of a name, phone number, street address, e-mail address, and URL; and further comprising spell checking words determined not to form a scanned contact phrase.

3. (Canceled) The method of claim 1, further comprising:  
determining one or more contact phrases in the contact information that are similar to the scanned contact phrase if the scanned contact phrase does not match one contact phrase in the contact information; and  
displaying the determined similar contact phrases, wherein the user is capable of selecting one displayed similar contact phrase to substitute for the scanned contact phrase.

4. (Original) The method of claim 1, further comprising:  
displaying a graphical box for one scanned contact phrase that does not match contact phrases in the contact information, wherein the user is capable of using the displayed graphical box to accept the scanned contact phrase or select another contact phrase to substitute for the scanned contact phrase.

5. (Original) The method of claim 4, further comprising:  
determining at least one contact phrase in the contact information that is similar, but not identical, to the scanned contact phrase if the scanned contact phrase does not match one contact phrase in the contact information; and  
displaying the determined contact phrases in the displayed graphical box, wherein the user is capable of using the displayed graphical box to select one displayed contact phrase to substitute for the scanned contact phrase.

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6. (Original) The method of claim 1, wherein the contact information comprises contact records for different contacts in a computer readable address book, wherein each contact record is capable of including multiple different contact phrases for one contact.

7. (Original) The method of claim 1, wherein the scanned contact phrase comprises a URL address, further comprising:

determining whether the scanned URL contact phrase addresses an accessible page on the Internet; and

presenting information indicating whether the scanned URL addresses an accessible page on the Internet.

8. (Original) The method of claim 1, wherein the scanned contact phrase comprises a name or contact address, further comprising:

submitting a search request over the Internet to an Internet directory for the scanned contact phrase; and

receiving information indicating that there is no match for the scanned contact phrase in the Internet directory or that there is a match.

9. (Original) The method of claim 1, further comprising:

adding the scanned contact phrase to the contact information if the scanned contact phrase does not match one contact phrase in the contact information.

10. (Original) The method of claim 1, further comprising:

buffering contact phrases of a same type of contact information;

determining whether the buffered contact phrases of the same type use consistent syntax; and

notifying a user of inconsistencies in the syntax for the buffered contact phrases.

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11. (Original) The method of claim 1, wherein the scanned contact phrases include at least one URL address, further comprising:

determining whether each scanned URL contact phrase uses a correct URL syntax; and

notifying the user of incorrect syntax for at least one of the scanned URL contact phrases.

12. (Withdrawn) A method for checking contact phrases providing information to identify or address a person or entity in a contact record in a computer readable address book, comprising:

accessing one contact phrase in one of the contact records in the address book;

submitting a search request to a computer readable directory over a network, wherein the directory provides searchable contact information including contact phrases on persons or entities, wherein the search request determines whether the accessed contact phrase from one contact record matches one contact phrase in the directory;

receiving search result information from the directory; and

providing the capability to use the received search result information to update one or more contact phrases in one contact record of the address book.

13. (Withdrawn) The method of claim 12, wherein the accessed contact phrase submitted with the search request comprises a contact name and wherein the received search results includes one or more contact addresses, further comprising:

determining whether the returned contact addresses matches contact phrases in the contact record including the accessed contact name; and

providing information indicating that the contact phrases in the contact record do not match returned contact addresses from the directory.

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14. (Withdrawn) The method of claim 12, wherein the accessed contact phrase submitted with the search request comprises one contact address from the contact record, wherein the received search results includes one contact name, further comprising:

determining whether the returned contact name matches a name contact phrase in the contact record including the accessed contact address; and

providing information indicating that the contact address in the contact record does not match the returned contact address from the directory.

15. (Currently amended) A system for checking text in an electronic document, comprising:

a computer;

a display monitor;

a computer readable medium including a computer program, wherein the computer program causes the computer to perform:

(i) scanning and parsing words in the text;

(ii) for each set of one or more scanned and parsed words, determining whether one or more words form a scanned contact phrase providing information to identify or address a person or entity, wherein said scanned contact phrases comprise one of a name, phone number, street address, e-mail address, and URL;  
and

(iii) upon determining that one or more words form a scanned contact phrase, performing:

(a) accessing contact information stored in a computer readable address book including contact phrases; and

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(b) searching the contact information to determine if the scanned contact phrase matches contact phrases in the searched contact information;

determining one or more contact phrases in the contact information that are similar to the scanned contact phrase if the scanned contact phrase does not match one contact phrase in the contact information; and

displaying the determined similar contact phrases on the display monitor, wherein the user is capable of selecting one displayed similar contact phrase to substitute for the scanned contact phrase; and

(iv) upon determining that one or more words do not form a scanned contact phrase, performing:

spell checking words determined not to form a scanned contact phrase; and

performing said scanned contact phrase determining with respect to other words of said text.

16. (Canceled) The system of claim 15, wherein contact phrases comprise one of a name, phone number, street address, e-mail address, and URL; and wherein the computer program further causes the computer to perform spell checking words determined not to form a scanned contact phrase.

17. (Canceled) The system of claim 15, further comprising:

a display monitor;

wherein the computer program further causes the computer to perform:

(i) determining one or more contact phrases in the contact information that are similar to the scanned contact phrase if the scanned contact phrase does not match one contact phrase in the contact information; and

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(ii) displaying the determined similar contact phrases on the display monitor, wherein the user is capable of selecting one displayed similar contact phrase to substitute for the scanned contact phrase.

18. (Currently amended) The system of claim 15, further comprising:

~~a display monitor;~~

wherein the computer program further causes the computer to perform displaying a graphical box for one scanned contact phrase in the display monitor that does not match contact phrases in the contact information, wherein the user is capable of using the displayed graphical box to accept the scanned contact phrase or select another contact phrase to substitute for the scanned contact phrase.

19. (Original) The system of claim 18, wherein the computer program further causes the computer to perform:

determining at least one contact phrase in the contact information that is similar, but not identical, to the scanned contact phrase if the scanned contact phrase does not match one contact phrase in the contact information; and

displaying the determined contact phrases in the displayed graphical box, wherein the user is capable of using the displayed graphical box to select one displayed contact phrase to substitute for the scanned contact phrase.

20. (Original) The system of claim 15, wherein the contact information comprises contact records for different contacts in a computer readable address book, wherein each contact record is capable of including multiple different contact phrases for one contact.

21. (Original) The system of claim 15, wherein the scanned contact phrase comprises a URL address, and wherein the computer program further causes the computer to perform:

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determining whether the scanned URL contact phrase addresses an accessible page on the Internet; and

presenting information indicating whether the scanned URL addresses an accessible page on the Internet.

22. (Original) The system of claim 15, wherein the scanned contact phrase comprises a name or contact address, and wherein the computer program further causes the computer to perform:

submitting a search request over the Internet to an Internet directory for the scanned contact phrase; and

receiving information indicating that there is no match for the scanned contact phrase in the Internet directory or that there is a match.

23. (Original) The system of claim 15, wherein the computer program is further capable of causing the computer to perform:

adding the scanned contact phrase to the contact information if the scanned contact phrase does not match one contact phrase in the contact information.

24. (Original) The system of claim 15, wherein the computer program is further capable of causing the computer to perform:

buffering contact phrases of a same type of contact information;  
determining whether the buffered contact phrases of the same type use consistent syntax; and  
notifying a user of inconsistencies in the syntax for the buffered contact phrases.



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25. (Original) The system of claim 15, wherein the scanned contact phrases include at least one URL address, and wherein the computer program is further capable of causing the computer to perform:

determining whether each scanned URL contact phrase uses a correct URL syntax; and

notifying the user of incorrect syntax for at least one of the scanned URL contact phrases.

26. (Withdrawn) A system for checking contact phrases providing information to identify or address a person or entity in a contact record in a computer readable address book, comprising:

a computer;

a computer readable medium including the address book and a computer program, wherein the computer program causes the computer to perform:

(i) accessing one contact phrase in one of the contact records in the address book;

(ii) submitting a search request to a computer readable directory over a network, wherein the directory provides searchable contact information including contact phrases on persons or entities, wherein the search request determines whether the accessed contact phrase from one contact record matches one contact phrase in the directory;

(iii) receiving search result information from the directory; and

(iv) providing the capability to use the received search result information to update one or more contact phrases in one contact record of the address book.

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27. (Withdrawn) The system of claim 26, wherein the accessed contact phrase submitted with the search request comprises a contact name and wherein the received search results includes one or more contact addresses, wherein the computer program is further capable of causing the computer to perform:

determining whether the returned contact addresses matches contact phrases in the contact record including the accessed contact name; and

providing information indicating that the contact phrases in the contact record do not match returned contact addresses from the directory.

28. (Withdrawn) The system of claim 26, wherein the accessed contact phrase submitted with the search request comprises one contact address from the contact record, wherein the received search results includes one contact name, wherein the computer program is further capable of causing the computer to perform:

determining whether the returned contact name matches a name contact phrase in the contact record including the accessed contact address; and

providing information indicating that the contact address in the contact record does not match the returned contact address from the directory.

29. (Currently amended) A program for checking text in an electronic document, wherein the program is implemented in a computer readable medium capable of causing a computer to perform:

scanning and parsing words in the text;

for each set of one or more scanned and parsed words, determining whether one or more words form a scanned contact phrase providing information to identify or address a person or entity, wherein said scanned contact phrases comprise one of a name, phone number, street address, e-mail address, and URL; and

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upon determining that one or more words form a scanned contact phrase,  
performing:

(i) accessing contact information stored in a computer readable address book including contact phrases; and

(ii) searching the contact information to determine if the scanned contact phrase matches contact phrases in the searched contact information;

determining one or more contact phrases in the contact information that are similar to the scanned contact phrase if the scanned contact phrase does not match one contact phrase in the contact information; and

displaying the determined similar contact phrases, wherein the user is capable of selecting one displayed similar contact phrase to substitute for the scanned contact phrase; and

upon determining that one or more words do not form a scanned contact phrase,  
performing:

spell checking words determined not to form a scanned contact phrase;

and

performing said scanned contact phrase determining with respect to other words of said text.

30. (Canceled) The program of claim 29, wherein contact phrases comprise one of a name, phone number, street address, e-mail address, and URL; and wherein the program is further capable of causing a computer to perform spell checking words determined not to form a scanned contact phrase.

31. (Canceled) The program of claim 29, wherein the program is further capable of causing the computer to perform:

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determining one or more contact phrases in the contact information that are similar to the scanned contact phrase if the scanned contact phrase does not match one contact phrase in the contact information; and

displaying the determined similar contact phrases, wherein the user is capable of selecting one displayed similar contact phrase to substitute for the scanned contact phrase.

32. (Original) The program of claim 29, wherein the program is further capable of causing the computer to perform:

displaying a graphical box for one scanned contact phrase that does not match contact phrases in the contact information, wherein the user is capable of using the displayed graphical box to accept the scanned contact phrase or select another contact phrase to substitute for the scanned contact phrase.

33. (Original) The program of claim 32, wherein the program is further capable of causing the computer to perform:

determining at least one contact phrase in the contact information that is similar, but not identical, to the scanned contact phrase if the scanned contact phrase does not match one contact phrase in the contact information; and

displaying the determined contact phrases in the displayed graphical box, wherein the user is capable of using the displayed graphical box to select one displayed contact phrase to substitute for the scanned contact phrase.

34. (Original) The program of claim 29, wherein the contact information comprises contact records for different contacts in a computer readable address book, wherein each contact record is capable of including multiple different contact phrases for one contact.

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35. (Original) The program of claim 29, wherein the scanned contact phrase comprises a URL address and wherein the program is further capable of causing the computer to perform:

- determining whether the scanned URL contact phrase addresses an accessible page on the Internet; and
- presenting information indicating whether the scanned URL addresses an accessible page on the Internet.

36. (Original) The program of claim 29, wherein the scanned contact phrase comprises a name or contact address and wherein the program is further capable of causing the computer to perform:

- submitting a search request over the Internet to an Internet directory for the scanned contact phrase; and
- receiving information indicating that there is no match for the scanned contact phrase in the Internet directory or that there is a match.

37. (Original) The program of claim 29, wherein the program is further capable of causing the computer to perform:

- adding the scanned contact phrase to the contact information if the scanned contact phrase does not match one contact phrase in the contact information.

38. (Original) The program of claim 29, wherein the program is further capable of causing the computer to perform:

- buffering contact phrases of a same type of contact information;
- determining whether the buffered contact phrases of the same type use consistent syntax; and
- notifying a user of inconsistencies in the syntax for the buffered contact phrases.

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39. (Original) The program of claim 29, wherein the scanned contact phrases include at least one URL address and wherein the program is further capable of causing the computer to perform:

determining whether each scanned URL contact phrase uses a correct URL syntax; and

notifying the user of incorrect syntax for at least one of the scanned URL contact phrases.

40. (Withdrawn) A program for checking contact phrases providing information to identify or address a person or entity in a contact record in a computer readable address book, wherein the program is implemented in a computer readable medium capable of causing a computer to perform:

accessing one contact phrase in one of the contact records in the address book;  
submitting a search request to a computer readable directory over a network, wherein the directory provides searchable contact information including contact phrases on persons or entities, wherein the search request determines whether the accessed contact phrase from one contact record matches one contact phrase in the directory;

receiving search result information from the directory; and

providing the capability to use the received search result information to update one or more contact phrases in one contact record of the address book.

41. (Withdrawn) The program of claim 40, wherein the accessed contact phrase submitted with the search request comprises a contact name, wherein the received search results includes one or more contact addresses, and wherein the program is further capable of causing the computer to perform:

determining whether the returned contact addresses matches contact phrases in the contact record including the accessed contact name; and

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providing information indicating that the contact phrases in the contact record do not match returned contact addresses from the directory.

42. (Withdrawn) The program of claim 40, wherein the accessed contact phrase submitted with the search request comprises one contact address from the contact record, wherein the received search results includes one contact name, and wherein the program is further capable of causing the computer to perform:

determining whether the returned contact name matches a name contact phrase in the contact record including the accessed contact address; and

providing information indicating that the contact address in the contact record does not match the returned contact address from the directory.